

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L32	1322	geometric\$4 near2 transform\$3	US-PGPUB; USPAT	OR	OFF	2007/05/24 07:08
L33	4774	382/141,145,147,182,185.ccls. 348/87,131.ccls. 359/436,385.ccls. 356/401.ccls.	US-PGPUB; USPAT	OR	OFF	2007/05/24 07:08
L34	10	L33 and 32	US-PGPUB; USPAT	OR	OFF	2007/05/24 07:09
L35	1	(wafer semiconductor reticle circuit near2 board pcb photomask) and "6075883".pn.	US-PGPUB; USPAT	OR	OFF	2007/05/24 07:23
S1	65	evans near2 frank.in. li near2 fulton. in.	US-PGPUB; USPAT	OR	OFF	2007/05/23 11:12
S2	6	(wafer semiconductor reticle circuit near2 board pcb photomask).clm. and S1	US-PGPUB; USPAT	OR	OFF	2007/05/24 07:22
S3	6	"5861910".pn. "6153873".pn. "5469294".pn. "6236735".pn. "5737122".pn. "5445369".pn.	US-PGPUB; USPAT	OR	OFF	2006/12/28 13:45
S4	4578	382/141,145,147,182,185.ccls. 348/87,131.ccls. 359/436,385.ccls. 356/401.ccls.	US-PGPUB; USPAT	OR	OFF	2006/12/28 13:52
S5	114901	(wafer semiconductor reticle circuit near2 board pcb photomask) with (indicia mark character ocr number serial)	US-PGPUB; USPAT	OR	OFF	2006/12/28 14:06
S6	468	(locat\$3 find\$3 determin\$3) near3 (edge and notch and center)	US-PGPUB; USPAT	OR	OFF	2007/05/23 11:19
S7	82	S5 and S6	US-PGPUB; USPAT	OR	OFF	2006/12/28 14:10
S8	4	S4 and S7	US-PGPUB; USPAT	OR	OFF	2006/12/28 14:07
S9	77	S5 and S6 and (character number)	US-PGPUB; USPAT	OR	OFF	2006/12/28 14:11
S10	22	S5 and S6 and (ocr)	US-PGPUB; USPAT	OR	OFF	2006/12/28 14:11
S11	20	("5737122"   "5861910").URPN.	USPAT	OR	OFF	2006/12/28 14:51
S12	3	("5737122"   "5861910").URPN. and video	USPAT	OR	OFF	2006/12/28 14:51
S13	1080	(darkfield dark adj field) with (brightfield bright adj field ligh adj field lightfield)	USPAT	OR	OFF	2007/05/23 11:42
S14	5	S5 with S13	USPAT	OR	OFF	2006/12/28 15:22
S15	70	wafer and belt and ocr	USPAT	OR	OFF	2006/12/28 16:33

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S16	2	S4 and S15	USPAT	OR	OFF	2006/12/28 16:43
S17	1	"6952687".pn.	USPAT	OR	OFF	2006/12/28 16:43
S18	4578	382/141,145,147,182,185.ccls. 348/87,131.ccls. 359/436,385.ccls. 356/401.ccls.	US-PGPUB; USPAT	OR	OFF	2006/12/28 17:28
S19	12	wafer same OCR and S18	US-PGPUB; USPAT	OR	OFF	2006/12/28 18:05
S20	1132091	machine adj vision automat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 17:17
S21	805823	(wafer semiconductor reticle circuit near2 board pcb photomask)	US-PGPUB; USPAT	OR	OFF	2007/01/11 17:17
S22	977	S21 and S20 and identif\$7 near3 mark	US-PGPUB; USPAT	OR	OFF	2007/01/11 17:18
S23	4601	382/141,145,147,182,185.ccls. 348/87,131.ccls. 359/436,385.ccls. 356/401.ccls.	US-PGPUB; USPAT	OR	OFF	2007/01/11 17:18
S24	30	S23 and S22	US-PGPUB; USPAT	OR	OFF	2007/01/11 17:19
S25	15453	travel near2 rate	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/16 09:46
S26	5043	(edge same notch same center)	US-PGPUB; USPAT	OR	OFF	2007/01/16 09:48
S27	4602	382/141,145,147,182,185.ccls. 348/87,131.ccls. 359/436,385.ccls. 356/401.ccls.	US-PGPUB; USPAT	OR	OFF	2007/01/16 09:48
S28	1	S25 and S26 and S27	US-PGPUB; USPAT	OR	OFF	2007/01/16 09:48
S29	7	rate and S26 and S27	US-PGPUB; USPAT	OR	OFF	2007/01/16 09:50
S30	5	S25 and S27	US-PGPUB; USPAT	OR	OFF	2007/01/16 09:51
S31	741	amd.asn. applied adj m.asn. kla. asn. orbotech.asn.	US-PGPUB; USPAT	OR	ON	2007/01/16 09:51
S32	1	S25 and S31	US-PGPUB; USPAT	OR	ON	2007/01/16 09:58
S33	351	rate and S31	US-PGPUB; USPAT	OR	ON	2007/01/16 10:00
S34	1132569	machine adj vision automat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/16 09:58
S35	7	(monitor find\$3 calculat\$3) near3 rate and S31 and S33	US-PGPUB; USPAT	OR	ON	2007/01/16 10:02

## EAST Search History

S36	2325	(separat\$3 disconnect\$3 split\$4 divid\$3 part\$3 uncoupl\$3) near3 (image photograph picture photo video frame) with (illumin\$7 ligh\$3) near3 (different distinct\$3 unique separate individual)	US-PGPUB; USPAT	OR	ON	2007/01/16 10:07
S37	49	(S27 S31) and S36	US-PGPUB; USPAT	OR	ON	2007/01/16 14:32
S38	12	geometric near3 transform\$4 with (indicia mark\$3)	US-PGPUB; USPAT	OR	ON	2007/01/16 14:32
S39	1087	zoom\$3 with (indicia mark\$3)	US-PGPUB; USPAT	OR	ON	2007/01/16 14:46
S40	4602	382/141,145,147,182,185.ccls. 348/87,131.ccls. 359/436,385.ccls. 356/401.ccls.	US-PGPUB; USPAT	OR	OFF	2007/01/16 14:32
S41	741	amd.asn. applied adj m.asn. kla. asn. orbotech.asn.	US-PGPUB; USPAT	OR	ON	2007/01/16 14:32
S42	10	(S40 S41) and S39	US-PGPUB; USPAT	OR	ON	2007/01/16 14:32
S43	8	("4561731"   "5231536"   "5386481"   "5469294").PN. OR ("5861910").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/16 14:45
S44	7098	enlarg\$3 with (indicia mark\$3)	US-PGPUB; USPAT	OR	ON	2007/01/16 14:48
S45	192	S44 and (S41 S40)	US-PGPUB; USPAT	OR	ON	2007/01/16 14:47
S46	0	S44 and (S41)	US-PGPUB; USPAT	OR	ON	2007/01/16 14:47
S47	17	enlarg\$3 with (indicia mark\$3) same locat\$4 and S40	US-PGPUB; USPAT	OR	ON	2007/01/16 14:48
S48	269792	(multipl\$4 several plural\$4 many two three) near3 (illumin\$6 light\$3 flash\$3 strob\$3)	US-PGPUB; USPAT	OR	ON	2007/05/23 11:16
S49	4771	382/141,145,147,182,185.ccls. 348/87,131.ccls. 359/436,385.ccls. 356/401.ccls.	US-PGPUB; USPAT	OR	OFF	2007/05/23 11:18
S51	2891112	sync\$7 coinci\$4 concurr\$3 simultaneous\$3 parallel	US-PGPUB; USPAT	OR	OFF	2007/05/23 11:23
S52	914336	camera sensor image near2 (aquir\$3 aquisition)	US-PGPUB; USPAT	OR	ON	2007/05/23 11:25
S53	21	S52 with S51 with S48 and S49	US-PGPUB; USPAT	OR	ON	2007/05/23 11:37
S54	80007	(wafer semiconductor reticle circuit near2 board pcb photomask photoreticle) near7 (belt travel mov\$3 movement automat\$3 table)	US-PGPUB; USPAT	OR	ON	2007/05/23 11:39

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S55	189	S48 same S52 and S54 and S49	US-PGPUB; USPAT	OR	ON	2007/05/23 11:40
S56	2274	(darkfield dark adj field) with (brightfield bright adj field ligh adj field lightfield)	US-PGPUB; USPAT	OR	ON	2007/05/23 11:42
S57	15	S55 and S56	US-PGPUB; USPAT	OR	ON	2007/05/23 11:43
S58	103	("4343553"   "4538909"   "4677473"   "4688939"   "4696104"   "4809308"   "4876455"   "4926452"   "4988202"   "4999285"   "5015097"   "5030008"   "5039868"   "5058178"   "5060065"   "5127726"   "5247344").PN. OR ("5455870").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 12:15
S59	13	S58 and S56	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 14:54
S60	269792	(multipl\$4 several plural\$4 many two three) near3 (illumin\$6 light\$3 flash\$3 strob\$3)	US-PGPUB; USPAT	OR	ON	2007/05/23 14:55
S61	4771	382/141,145,147,182,185.ccls. 348/87,131.ccls. 359/436,385.ccls. 356/401.ccls.	US-PGPUB; USPAT	OR	OFF	2007/05/23 14:55
S62	89	line near3 (detector sensor camera image) same S60 and S61	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 15:05
S63	2274	(darkfield dark adj field) with (brightfield bright adj field ligh adj field lightfield)	US-PGPUB; USPAT	OR	ON	2007/05/23 15:05
S64	48	line near3 (detector sensor camera image) and S63 and S61	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:09
S65	435	line adj scan\$4 with (S63 S60)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:13
S66	6	S61 and S65	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:10
S67	160	raster adj scan\$4 and S61	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:13
S68	11	raster adj scan\$4 same (S60 S63) and S61	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:13
S69	16	line adj scan\$4 same (S63 S60) and S61 not S66	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:17

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S70	3282	(line adj (scan\$4 camera sensor detector image) raster\$ adj scan\$4) same (S63 S60) not S66 not S68 not S69	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:18
S71	1772	(line adj (scan\$4 camera sensor detector image) raster\$ adj scan\$4) with (S63 S60) not S66 not S68 not S69	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:26
S72	391	S71 and ("382".clas. "348".clas.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:19
S73	181	(separat\$3 divid\$3 interlac\$3 interweav\$3 disconnect\$3 isolat\$3 detach\$3 part\$3) near2 (image) and S72	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:22
S74	8	(line adj (scan\$4 camera sensor detector image) raster\$ adj scan\$4) with (S63 S60) with interlac\$3 not S66 not S68 not S69	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:24
S75	90	(line adj (scan\$4 camera sensor detector image) raster\$ adj scan\$4) with (S63 S60) same (separat\$3 divid\$3 interlac\$3 interweav\$3 disconnect\$3 isolat\$3 detach\$3 part\$3) near2 (image)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:27
S76	242	interlac\$3 near3 line adj image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 19:32
S77	25	"382".clas. and S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 19:32